

FACT SHEET

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: PORTLAND CEMENT MANUFACTURING INDUSTRY

ACTION

- On November 21, 2005, the Environmental Protection Agency (EPA) proposed amendments to the national emission standards for hazardous air pollutants for the portland cement manufacturing industry
- EPA is proposing these amendments to respond to a remand of parts of the portland cement emissions standards by the D.C. Circuit Court. These amendments would add additional emission limits for total hydrocarbons (THC) and hydrogen chloride (HCl) emissions from cement kilns. Other requirements of the rule are unchanged
- EPA is also taking comment on an issue raised by the Portland Cement Association associated with the applicability of the final emissions standards.

HEALTH AND ENVIRONMENTAL IMPACTS

- EPA estimates that the proposed amendments would result in emission reductions of:
 - zero to 70 tons per year (tpy) per kiln of THC emissions
 - 107 tons per year of hydrogen chloride for each kiln constructed after the date of publication of these proposed amendments.
- The proposed HCl standards for new kilns also would result in concurrent control of sulfur dioxide (SO₂) emissions. The SO₂ emissions reduction for a typical new kiln would be 322 tpy. EPA estimates that five new kilns would become subject to these standards in the next 5 years resulting in emission reductions of 535 tpy of HCl and 1,610 tpy of SO₂.
- Because some SO₂ is converted to sulfates in the atmosphere, these SO₂ emissions reductions also would contribute to reductions in fine particle pollution.
- The proposed rule amendments would result in a total capital cost for existing sources of \$33.5 million nationally. Total national annualized costs are estimated to range from \$7.9 million to \$8.8 million.
- The cumulative capital cost in the fifth year for new sources is estimated to be \$11.5 million. The estimated total national annualized cost would range from \$3.7 million to \$4.0 million.

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FOR MORE INFORMATION

- To download the proposed amendments from EPA's website, go to "Recent Actions" at the following address: <http://www.epa.gov/ttn/oarpg/ramain.html>.
- Today's action and other background information are also available either electronically in EDOCKET, EPA's electronic public docket and comment system, or in hard copy at EPA's Air and Radiation Docket and Information Center, Environmental Protection Agency, Room B102, 1301 Constitution Avenue, NW, Washington, DC (Docket ID No. OAR-2002-0051). The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566-1744, and the telephone number for the Air and Radiation Docket and Information Center is (202) 566-1742.

HOW TO COMMENT. Comments should be identified by Docket ID No. OAR-2002-0051 and submitted by one of the following methods:

- ▶ Federal eRulemaking Portal (<http://www.regulations.gov>).
- ▶ EDOCKET (<http://www.epa.gov/edocket>).
- ▶ e-mail (a-and-r-docket@epa.gov).
- ▶ facsimile ((202) 566-1741).
- ▶ Mail (EPA Docket Center, Environmental Protection Agency, Mailcode 6102T, 1200 Pennsylvania Avenue, NW, Washington, DC 20460), or
- ▶ hand delivery (EPA Docket Center, Environmental Protection Agency, Room B102, 1301 Constitution Avenue, NW, Washington, DC).

We request that a separate copy of each comment also be sent to the contact person listed below.

- For further information about the proposed amendments, contact Mr. Keith Barnett of EPA's Office of Air Quality Planning and Standards, Emission Standards Division, Minerals and Inorganic Chemicals Group at (919) 541-5605 or by e-mail at barnett.keith@epa.gov. Or visit the Portland Cement Manufacturing Industry NESHAP website at <http://www.epa.gov/ttn/atw/pcem/pccmpg.html>.
- EPA's Office of Air and Radiation's homepage on the internet contains a wide range of information on the air toxics program, as well as many other air pollution programs and issues. The Office of Air and Radiation's home page address is: <http://www.epa.gov/oar/>.